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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

02/23/2006

Michael W. Goltry PARSONS & GOLTRY Suite 260 340 East Palm Lane Phoenix, AZ 85004 EXAMINER

GANEY, STEVEN J

ART UNIT PAPER NUMBER

3752 DATE MAILED: 02/23/2006

		Mar. 1984		
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,453	02/23/2004	Shaikh Ghaleh Mohammad Yassin Alhamad	4429-A1IC2ID2C2	8219

TITLE OF INVENTION: FLAME ARRESTER

	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
ì.	nonprovisional	YES .	\$700	\$300	\$1000	05/23/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE, AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail

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appropriate. All further co	rrespondence including the below or directed otherwise	Patent, advance of	rders and not	ification of maintenance fees vanew correspondence address	will be mailed to the current	t correspondence address as
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7590 02/23/2006 Michael W. Goltry PARSONS & GOLTRY Suite 260				Cei	rtificate of Mailing or Trans	smission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
340 East Palm Lan Phoenix, AZ 85004						(Depositor's name)
, · . <u>_</u>						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,453	02/23/2004	Shaikh C	Ghaleb Mohar	nmad Yassin Alhamad	4429-A1IC2ID2C2	8219
TITLE OF INVENTION: F	LAME ARRESTER				•	
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nonprovisional	YES	\$700		\$300	\$1000	05/23/2006
EXAM	INER	ART UN	IIT	CLASS-SUBCLASS]	•
GANEY,	STEVEN J	3752		169-045000		
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON The ASSE NOTE: Unless an excisence is identified below to a serious content.			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. THE PATENT (print or type) a data will appear on the patent. If an assignee is identified below, the document has been filed for DT a substitute for filing an assignment.			
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lease check the appropriate	assignee category or catego	ries (will not be pr	inted on the p	patent): Undividual U Co	orporation or other private gr	oup entity Government
a. The following fee(s) are enclosed: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			☐ Payment☐ The Dire	Fee(s): in the amount of the fee(s) is en by credit card. Form PTO-2038 ctor is hereby authorized by cha Account Number	is attachedrge the required fee(s), or cre	edit any overpayment, to ra copy of this form).
	(from status indicated above	,	_		-	
	MALL ENTITY status. See is requested to apply the Issublication Fee (if required) words of the United States Pate		b. Application Fee (if are different anyone Office.	cant is no longer claiming SMAl ny) or to re-apply any previously e other than the applicant; a regi	LL ENTITY status. See 37 C y paid issue fee to the applica istered attorney or agent; or the	FR 1.27(g)(2). ation identified above. the assignee or other party in
Authorized Signature				Date		
Typed or printed name			Registration No.			
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Michael W. Golt	ry		GANEY,	STEVEN J
PARSONS & GOI			ART UNIT	PAPER NUMBER
Suite 260 340 East Palm Lan Phoenix, AZ 85004	-		3752 DATE MAILED: 02/23/200	6

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 188 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 188 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

i,	Application No.	Applicant(s)				
Notice of Allowability	10/784,453	ALHAMAD, SHAIKH GHALEB MOHAMMAD YASSIN				
World of Anowabiney	Examiner	Art Unit				
	Steven J. Ganey	3752				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.						
1. X This communication is responsive to <u>amendment filed February 9, 2006</u> .						
2. The allowed claim(s) is/are 9.10 and 14.						
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some* c) None of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.						
4. TA SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.						
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date 						
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of						
each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.						
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. Interview Summar Paper No./Mail Do (08), 7. Examiner's Amend	ate				
	9. 🗌 Other					

Application/Control Number: 10/784,453

Art Unit: 3752

REASONS FOR ALLOWANCE

- 1. The following is an examiner's statement of reasons for allowance of claims 9 and 10: The prior art did not teach or suggest a gas-fired hot water heater as claimed by the applicant, specifically a hot water heater comprising nested ellipsoids covering the openings in the cabinet for preventing the flame in the burner from flashing out of the cabinet and igniting fugitive flammable vapors surrounding the cabinet, the ellipsoids being formed from expanded metal sheets made from magnesium alloy foil containing at least 3% magnesium and having a thickness in the range from 0.05-1.0 mm, together in combination with the other claimed features of applicant's invention.
- 2. The following is an examiner's statement of reasons for allowance of claim 14: The prior art did not teach or suggest a process for heating hot water in a tank as claimed by the applicant, specifically a process comprising the step of placing a contained layer of nested ellipsoids in the openings in the chamber for preventing the flame in the chamber from flashing out of the chamber and igniting fugitive flammable vapors in the atmosphere surrounding the chamber, the ellipsoids being formed from expanded metal sheets made from magnesium alloy foil containing at least 3% magnesium and having a thickness in the range from 0.05-1.0 mm, together in combination with the other claimed step features of applicant's invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Art Unit: 3752

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven J. Ganey whose telephone number is (571) 272-4899. The examiner can normally be reached on Monday, Tuesday, Wednesday, and Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel, can be reached on (571) 272-4919. The fax phone number for this Group is (571) 273-8300.

sjg

2/21/06

STEVEN J. GANEY PRIMARY EXAMINER

2/21/06

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